

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Please amend the claims as follows and add the following new claims:

1. (Currently Amended) Process for the preparation of inorganic materials,
comprising:

 ~~characterized in that initially introducing~~ at least one salt solution containing at
least one substance ~~is initially introduced~~ into a vessel and optionally ~~is brought~~ bringing
together ~~with therewith~~ at least one solid and ~~these are mixed~~ mixing with one another,

 adding at least one further salt solution containing at least one substance ~~is added,~~
~~as a result of which an precipitating out a resulting~~ inorganic substance ~~precipitates out~~ because
of its lower solubility product, and at least one further substance remains in the solution,
optionally adding at least one further salt solution containing at least one substance, or a further
solvent ~~is added~~ to form a suspension, freezing or solidifying the suspension obtained ~~is frozen~~
~~or solidified~~ by cooling, ~~the a~~ uniform distribution of solid and salt solution being retained in the
suspension and ~~[[a]] preventing~~ sedimentation of the solid ~~being prevented,~~ subliming the
solvent ~~is sublimed~~ by application of a vacuum, drying the suspension ~~being dried,~~ optionally
heat treating the solid obtained ~~is heat-treated,~~ and identifying the solid obtained or the material
obtained ~~is characterized~~ in respect of at least one of its morphology, size, composition, and
properties ~~or a combination of these things,~~ and optionally repeating these process steps ~~are~~

~~repeated~~ in order to prepare and ~~characterize~~ identify a plurality of material samples in the form of a library.

2. (Currently Amended) Process according to claim 1, ~~characterized in that~~ wherein the process steps are carried out at least partly in parallel.

3. (Currently Amended) Process according to ~~claims 1 and 2~~ claim 1, wherein, ~~characterized in that~~ the solids obtained are tested for their catalytic activity.

4. (Currently Amended) Device for carrying out the process according to ~~claims 1 to 2~~ claim 1 in parallel, ~~characterized in that~~ comprising at least two suitable vessels are arranged in parallel such that they are immersed in a cooling medium or a cooling medium flows around them.

5. (New) Process according to claim 2, wherein, solids obtained are tested for their catalytic activity.

6. (New) Device for carrying out the process according to claim 2 in parallel, comprising at least two suitable vessels are arranged in parallel such that they are immersed in a cooling medium or a cooling medium flows around them.